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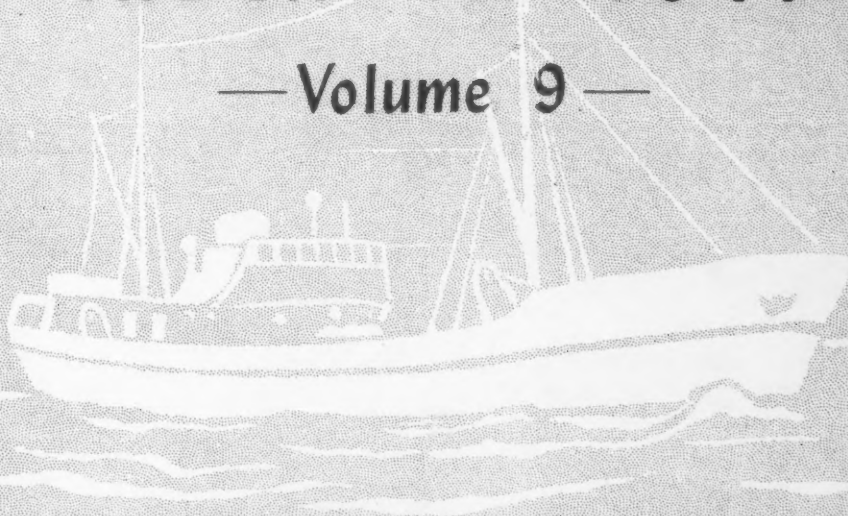
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# COMMERCIAL FISHERIES REVIEW

## INDEX for 1947

— Volume 9 —



FISH and WILDLIFE SERVICE  
United States Department of the Interior  
Washington, D.C.



## COMMERCIAL FISHERIES REVIEW



A review of developments and news of the fishery industries  
prepared in the BRANCH OF COMMERCIAL FISHERIES

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Alaska fisheries, 1945; Apr. 25.

Chesapeake Bay area:

  production of fish and shellfish; Jan. 27,  
  Feb. 24, Mar. 24, Apr. 18, May 18,  
  May 24, June 29, July 22.

Great Lakes, Chicago:

  cold-storage holdings; Jan. 29, Feb. 27,  
  Mar. 27, Apr. 22, May 28, June 32,

## FRESH AND FROZEN FISH (cont.)

  July 28, Aug. 36, Sept. 27, Oct. 24.  
fishery products receipts at Chicago, 1945;  
  Jan. 18.

receipts; Jan. 29, Feb. 26, Mar. 26,  
  Apr. 21, May 27, June 31, July 27,  
  Aug. 35, Sept. 28, Oct. 23.

## Gulf States:

cold-storage holdings; Jan. 28, Feb. 26,  
  Mar. 25, Apr. 20, May 26, June 30,  
  July 24, Aug. 32, Sept. 25, Oct. 21.  
production of fish and shellfish; Jan. 28,  
  Feb. 25, Mar. 25, Apr. 20, May 26,  
  June 30, July 23, Aug. 31, Sept. 25,  
  Oct. 20.  
shrimp pack; Jan. 33, Feb. 30, Mar. 30,  
  Apr. 26, May 32, June 36, July 30,  
  Aug. 38, Oct. 26.

## Middle Atlantic, New York City:

cold-storage holdings; Jan. 26, Feb. 24,  
  Mar. 23, Apr. 18, May 24, July 21,  
  Aug. 31, Sept. 24, Oct. 19.  
receipts; Jan. 26, Feb. 23, Mar. 23,  
  Apr. 17, May 23, June 28, July 21,  
  Aug. 31, Sept. 24, Oct. 19.

## New England:

cold-storage holdings; Jan. 25, Mar. 22,  
  July 20, Aug. 30, Sept. 23, Oct. 18.  
landings; Jan. 25, Feb. 23, Mar. 22,  
  Apr. 17, May 23, July 20, Sept. 23.

## Maine:

landings; Mar. 22, Apr. 17, May 23,  
  June 28, July 20, Aug. 30, Sept. 23,  
  Oct. 18.  
sardine canning season changed; Apr. 30.  
Massachusetts landings; Mar. 22, Apr. 17,  
  May 23, July 20, Sept. 23, Oct. 18.

## Northwest Pacific:

cold-storage holdings; Jan. 30, Mar. 28,  
  Apr. 23, May 29, June 34, July 26,  
  Aug. 34, Sept. 26, Oct. 22.

Seattle receipts; Jan. 30, Mar. 27, Apr. 22,  
  May 29, June 33, July 25, Aug. 33,  
  Sept. 25, Oct. 21.

## Pacific Coast:

## California:

catch, 1944; Apr. 25.  
cold-storage holdings; Jan. 31, Mar. 29,  
  Apr. 24, May 30, June 35, July 25.  
landings; Jan. 31, Feb. 27, Mar. 28,  
  Apr. 23, May 30, June 34, July 24,  
  Aug. 33.  
mackerel pack; Jan. 34, Feb. 31, Mar. 30,  
  Apr. 27, May 32, June 36, July 30,  
  Aug. 39, Sept. 31, Oct. 26.  
pilchard (sardine) pack; Jan. 33, Feb. 30,  
  Mar. 30, Apr. 26, Oct. 25.  
tuna pack; Jan. 34, Feb. 31, Mar. 31,  
  Apr. 27, May 32, June 36, July 30,  
  Aug. 39, Sept. 31, Oct. 26.

## South Atlantic:

cold-storage holdings; Jan. 27, Feb. 24,  
  Mar. 25, Apr. 19, May 25, June 29,  
  July 22.  
shad season, 1947; May 18.  
shrimp production; Jan. 27, Feb. 25,  
  Mar. 24, Apr. 19, May 25, June 29,  
  July 23.



## FRESH AND FROZEN FISH (cont.)

United States:  
cold-storage freezings and holdings; Jan. 32,  
Feb. 29, Mar. 29, Apr. 25, May 31,  
June 35, July 28, Aug. 37, Sept. 29,  
Oct. 24.  
fishery production in 1946; Feb. 28.  
fishing ports in 1946, leading; Feb. 39.  
halibut season on Pacific coast, 1947; Mar. 34.

## FROZEN PRODUCTS

Crab meat toughening can be retarded; Feb. 7.

## FUR SEAL (see SEALS, FUR)

GATT, Presidential proclamation on U. S.  
participation in; Dec. 37.

GEAR (see NETS or specific type of gear)

GERMANY (see FOREIGN FISHERY TRADE)

GRAYFISH (see SPECIES)

GREAT BRITAIN (see UNITED KINGDOM)

GREAT LAKES (see FRESH AND FROZEN FISH)

GREENLAND (see FOREIGN FISHERY TRADE)

GROUND FISH (see SPECIES)

GULF STATES (see FRESH AND FROZEN FISH)

HALIBUT (see SPECIES)

ICELAND (see FOREIGN FISHERY TRADE)

## IMPORT(S)

Canadian restrictions; Nov. 12.  
Canned fish \_\_\_\_\_ controls removed; Apr. 42.  
Controls; Jan. 59, Apr. 42, Aug. 56.  
Groundfish fillet \_\_\_\_\_; Jan. 49, Feb. 44,  
Mar. 40, Apr. 33, May 43, June 46,  
July 39, Aug. 53, Sept. 38, Oct. 40.  
Groundfish \_\_\_\_\_ quota; June 43, Dec. 21.  
Requirements of the U. S. Food, Drug, and  
Cosmetics Act; Aug. 51.  
Tariff Commission \_\_\_\_\_ studies; May 36.  
Trawl netting \_\_\_\_\_; Feb. 39.  
U. S. Food, Drug, and Cosmetics Act, \_\_\_\_\_  
requirements of the; Aug. 51.

INDIA (see FOREIGN FISHERY TRADE)

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## LABOR

Seafood and fishery exemptions; Aug. 58.

LANDINGS (see FRESH AND FROZEN FISH;  
CATCH)

LEBANON (see FOREIGN FISHERY TRADE)

## LIVER(S)

Extracting vitamin A and oil from fishery  
products; Sept. 19.

Grayfish \_\_\_\_\_:  
relationship between body length and  
Vitamin A in; Sept. 1.

Vitamin A potencies of liver oils obtained  
by extraction with petroleum ether and  
by cooking with water; Sept. 19.

Japanese \_\_\_\_\_ oils, potency of; Dec. 22.

Vitamin A:  
deterioration in fish liver and liver oils,  
studies on; Feb. 11, Apr. 5, May 7.

loss at 37° C. from liver oil in presence  
and absence of grayfish liver tissue;  
Apr. 5.

loss of \_\_\_\_\_ and stability in grayfish livers  
in storage; Feb. 11.

potency and stability loss of \_\_\_\_\_ in frozen  
grayfish livers; May 7.

MACKEREL (see SPECIES)

MAINE (see FRESH AND FROZEN FISH)

## MARYLAND

Conservation program; Apr. 31.

Fishery statistics; Apr. 31.

Oyster prices decrease; Feb. 16.

MASSACHUSETTS (see FRESH AND FROZEN  
FISH)

## MEAL(S)

Feeding value of fish \_\_\_\_\_, studies on the;  
Aug. 1.

Menhaden:

lipoid extracts feeding studies; Oct. 7.

lipoid extracts from \_\_\_\_\_, chemical studies  
of; Sept. 8.

## MEAL AND OIL

Production; Jan. 35, Feb. 32, Mar. 32,

Apr. 28, May 33, June 37, July 31,

Aug. 40, Sept. 33, Oct. 28.

MENHADEN (see SPECIES)

MEXICO (see FOREIGN FISHERY TRADE)

MOBILE LABORATORIES, fishery technological  
research in; May 1.

## MOTION PICTURE

Retailing fish \_\_\_\_\_; Oct. 31.

MUSSELS (see SPECIES)

## NET(S)

Manila for fish \_\_\_\_\_; Apr. 42.

Mending \_\_\_\_\_, methods of; Mar. 1.

NETHERLANDS (see FOREIGN FISHERY TRADE)

NETTING for trawls, imports of; Feb. 39.

NEW ENGLAND (see FRESH AND FROZEN FISH)

NEW YORK CITY (see FRESH AND FROZEN FISH)

NEWFOUNDLAND (see FOREIGN FISHERY TRADE)

NICARAGUA (see FOREIGN FISHERY TRADE)

NORTHWEST PACIFIC (see FRESH AND FROZEN FISH)

NORWAY (see FOREIGN FISHERY TRADE)

#### NUTRITION

Croaker, baked, nutritive value of; Apr. 9.

Fish meals, feeding value of, studies on;

Aug. 1.

Fish proteins, nutritive value for growth of some; July 1.

OILS(S) (also see MEAL AND OIL; MEAL)

Extracting vitamin A and oil from fishery products, studies on methods of; Sept. 19.

Fats production; Jan. 59, Feb. 65.

Fats situation; Nov. 13.

Fats and \_\_\_\_\_; Jan. 59, Feb. 65, Aug. 42.

Fur seal \_\_\_\_\_, vitamin A content of; Nov. 5.

Japanese liver \_\_\_\_\_, potency of; Dec. 22.

Studies on deterioration of vitamin A in fish liver and liver \_\_\_\_\_. Part III. Loss at 37° C. of vitamin A from liver \_\_\_\_\_ in presence and absence of grayfish liver tissue; Apr. 5.

Potency of fish liver \_\_\_\_\_ in Japan; Dec. 22.

Vitamin A content of fur seal \_\_\_\_\_; Nov. 5.

Vitamin A:

deterioration of \_\_\_\_\_ in fish livers and liver oils; Apr. 5, May 7.

loss at 37° C. of \_\_\_\_\_ from liver oils in presence and absence of grayfish liver tissue; Apr. 5.

potency and extinction ratios of 12 reduction-plant oils, estimations of; July 15.

potency and stability \_\_\_\_\_ loss in frozen grayfish livers; May 7.

potencies of grayfish-liver oils obtained by extraction with petroleum ether and by cooking with water; Sept. 19.

OYSTER (see SPECIES)

PACIFIC COAST (also see FRESH AND FROZEN FISH)

Catch, 1944; Apr. 25.

"PACIFIC EXPLORER," S. S. -- preliminary description; Jan. 12.

#### PENS, STORAGE

Shallower \_\_\_\_\_ improve fish quality; Feb. 5.

PERU (see FOREIGN FISHERY TRADE)

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#### PONDS

Farm fish \_\_\_\_\_; June 43.

#### PORTS

Leading fishing \_\_\_\_\_ in 1946; Feb. 39.

#### PRESERVATION

Crab meat, frozen, toughening of can be retarded; Feb. 7.

Norwegian fish \_\_\_\_\_, observations on; May 12.

Shrimp, notes on freezing of; Nov. 1.

#### PRICES

Oyster \_\_\_\_\_, Maryland, decrease; Feb. 16.

Wholesale and retail \_\_\_\_\_; Jan. 48, Feb. 42,

Mar. 38, Apr. 32, May 42, June 45,

July 37, Aug. 51, Sept. 36, Oct. 38,

Nov. 19, Dec. 23.

PROCESSORS, fish, survey of; Dec. 22.

#### PROCLAMATION, PRESIDENTIAL

Tariffs and Trade; Dec. 37.

PRODUCTION fluctuations in the U. S. and

Alaska; July 8.

PROTEIN(S) (also see NUTRITION)

Fish \_\_\_\_\_, nutritive value for growth of some; July 1.

QUAHOG FISHERY, OCEAN, technological study of the; June 1.

#### QUALITY

Fish \_\_\_\_\_ improved with shallower storage pens; Feb. 5.

Trawler-caught fish, suggestions for handling; Dec. 10.

#### RECIPES, FISH

Fillets, oven-fried; Dec. 20.

Halibut steak, baked; July 19.

Oysters on the half-shell; Oct. 27.

Salad, fish; Mar. 60.

Salmon steaks, boiled; Sept. 30.

Smoked fish, broiled; Feb. 4.

Whitefish, planked; Aug. 29.

REFRIGERATION car, iceless, tested by U. S. Dept. of Agriculture; May 36.

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RETAILING fish, motion picture on; Oct. 31.

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SCIENCE and technology mission in U. S. London Embassy; Nov. 15.

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Enforcement of sockeye \_\_\_\_\_ fishery act of 1947; Oct. 42.

SALTED FISH allocation; Mar. 33.

SARDINE (see SPECIES)

## SEAL(S), FUR

"Black Douglas" begins \_\_\_\_\_ studies in North Pacific; June 38.  
 Oil, vitamin A content of; Nov. 5.  
 Tagging of 20,000 \_\_\_\_\_ pups; Nov. 16.  
 Take in 1947 announced; Aug. 49.

SEATTLE (also see FRESH AND FROZEN FISH)  
 Fishery products arrivals, 1946; Apr. 1.

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SHARK (see SPECIES)

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## SMOKING

Electrostatic \_\_\_\_\_ sardines; Feb. 1.

SOUTH AFRICA (see UNION OF SOUTH AFRICA)

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 FOREIGN FISHERY TRADE; CANNED AND  
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## Clams:

ocean quahog fishery, technological study of the; June 1.

## Crab:

\_\_\_\_\_ meat, frozen, toughening of can be retarded; Feb. 7.

Chesapeake Bay \_\_\_\_\_ industry; Dec. 1.

## Croaker:

baked \_\_\_\_\_, nutritive value of; Apr. 9.

## Grayfish:

liver, relationship between body length of \_\_\_\_\_ and vitamin A in; Sept. 1.

liver tissue, loss at 37° C. of vitamin A from liver oil in presence and absence of; Apr. 5.

livers, frozen, loss of vitamin A potency and stability in; May 7.

livers in storage, loss of vitamin A and stability in; Feb. 11.

livers, vitamin A potencies of oils obtained by extraction with petroleum ether and by cooking with water from; Sept. 19.

## Groundfish fillet(s):

import quota; June 43, Dec. 21.

imports; Jan. 49, Feb. 44, Mar. 40, Apr. 33, May 43, June 46, July 39, Aug. 53, Sept. 38, Oct. 40.

Halibut, Pacific Coast season, 1947; Mar. 34, June 39, Aug. 50.

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## Mackerel:

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## Menhaden:

## meal:

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Mussel, fresh-water, shell industry of Arkansas; May 35.

## Oyster(s):

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Maryland \_\_\_\_\_, decrease in prices of; Feb. 16.

Pacific \_\_\_\_\_, shucked, preliminary study of correlation of pH and quality of; June 22.

Pilchard (sardine), pack, California; Jan. 33, Feb. 30, Mar. 30, Apr. 26, Oct. 25.

Rosefish, "perch," advertising and selling as; Feb. 65.

## Salmon:

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## Sardine(s) (also see Pilchard):

Maine canning season changed; Apr. 30.

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## Alaska:

closed seasons; Aug. 56.

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## Whale:

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June 25, July 18, Aug. 27, Sept. 21,

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Ketchikan, Alaska, laboratory; Jan. 23,

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Seattle, Washington, laboratory; Jan. 23,  
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July 8.  
Fish purchases by \_\_\_\_\_; Jan. 47, Feb. 41,  
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Extracting methods for \_\_\_\_\_ and oil from  
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Editorial Assistant--Ruth V. Keefe

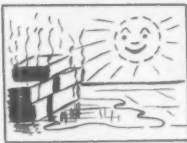
Illustrator--Gustaf T. Sundstrom

Compositor--Camille P. Elias

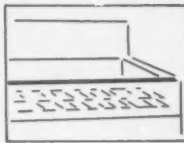
## GUIDES TO HANDLING FROZEN FOODS

Proper handling is the decisive factor in developing and retaining a volume-getting frozen food department, reports the November 25 Quick Frozen Foods (Retail Pocket Edition). Next to the consumer, the retailer is the most important factor in the expansion of frozen foods because he is next to the consumer. Consumers, in ever-increasing numbers, want and buy frozen foods--but only where they know that quality is assured. Packers lavish care on their frozen foods to assure quality. But results of this care are dissipated if the products are permitted to deteriorate in the store--sales and customers are lost.

Frozen foods are profit-making foods. They win customers and make sales. It pays to take care of them. Here are 10 guides to the proper store handling of frozen foods--10 direction signs to the successful winning of customers and making of sales.



1. Nothing invigorates you like sunshine and fresh outdoor air, but they're death to frozen foods. Get that delivery off the sidewalk fast!



6. Give customers maximum choice. Keep cabinets well-stocked at all times. Remember, the bigger the display, the bigger it sells.



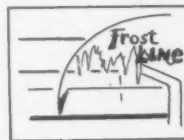
2. Rush the delivery to zero storage. Don't give it a chance to thaw. Frozen foods which defrost and are refrozen lose taste appeal and customers.



7. Be a good housekeeper. Keep cabinets tidy. Work over them often. Customers buy only what they can see--let them see what you have.



3. Frozen foods suffer damage when permitted to stand on the floor. Protect quality--get them off the floor and into the cabinet fast!



8. The plateline is the defrosting line; stock nothing above it. And keep packages back from the glass front to let the cold air circulate.



4. Don't leave anything in long enough to become frost-covered. Rotate stocks. Always take out old packages and place them on top of the new!



9. Frozen foods become incurably ill above zero temperature. Keep that destructive fever down. Check cabinet temperature every morning and every night.



5. Customers won't buy torn, crushed, or frost-covered packages. So take your choice--either you'll get rid of them or they'll get rid of your customers.



10. Stocks don't sell in the backroom. Order in just what you need between deliveries and a small reserve of fast-movers to avoid out-of-stocks.





